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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete If Known</b>	
		Application Number	Continuation of 10/024,918
		Filing Date	August 27, 2003
		First Named Inventor	Jeffrey Hubbell
		Group Art Unit	
		Examiner Name	
Sheet 1 of 11	Attorney Docket Number	CIT 2606 CIP CON	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
RT.		4,613,665		Lam	09-23-1986	
		4,810,784		Lam	03-07-1989	
		5,100,668		Edelman et al.	03-31-1992	
		5,504,001		Foster	04-02-1996	
		5,561,982		Tunkel et al.	10-08-1996	
		5,693,341		Schroeder et al.	12-01-1997	
		6,331,422		Hubbell, et al.	12-18-2001	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Office. <sup>3</sup>	Number <sup>2</sup>	Kind Code <sup>3</sup> (if known)				
		WO	89/00051		Cytrx Biopool Ltd.	01-12-1989		
		WO	90/05177		Syntro Corporation	05-17-1990		
		WO	92/22312		Jonas Wadstrom	12-23-1992		
		WO	95/05396		Zymogenetics, Inc.	02-23-1995		
		WO	95/23611		Protein Polymer Technologies, Inc.	09-08-1995		
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Sheet 2 of 11	Attorney Docket Number	CIT 2606 CIP CON	

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
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BL		ADAMS, et al., "Roles of ephrinB ligands and EphB receptors in cardiovascular development: demarcation of arterial/venous domains, vascular morphogenesis, and sprouting angiogenesis," <i>Genes &amp; Development</i> 13:295-306 (1999).	
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		CARDIN, et al., "Molecular Modeling of Protein-Glycosaminoglycan Interactions," <i>Arteriosclerosis</i> 9:21-32 (1989).	

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Sheet 3 of 11	Attorney Docket Number	CIT 2606 CIP CON	

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BL		CONOVER, et al., "Disruption of Eph/ephrin signaling affects migration and proliferation in the adult subventricular zone," <i>Nature Neuroscience</i> 3(11):1091-3324 (2000).	
		COOMBS, et al., "Directing Sequence-specific Proteolysis to New Targets," <i>Journal of Biological Chemistry</i> 273(8):4323-4328 (1998).	
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		EDELMAN, et al., "Basic Fibroblast Growth Factor Enhances the Coupling of Intimal Hyperplasia and Proliferation of Vasa Vasorum in Injured Rat Arteries," <i>The American Society for Clinical Investigation, Inc.</i> 89:465-473 (1992).	
		EDELMAN, et al., "Controlled and modulated release of basic fibroblast growth factor," <i>Biomaterials</i> 12:619-626 (1991).	
↓		EDELMAN, et al., "Perivascular and intravenous administration of basic fibroblast growth factor: Vascular and solid organ deposition," <i>Proc. Natl. Acad. Sci USA</i> 90:1513-1517 (1993).	

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BL		EDGAR, et al., "The heparin-binding domain of laminin is responsible for its effects on nuerite outgrowth and neuronal survival," <i>EMBO Journal</i> 3(7):1463-1468 (1984).	
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		FOLKMAN, "Angiogenesis in cancer, vascular, rheumatoid and other disease," <i>Nature Medicine</i> 1:27-31 (1995).	
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		GÖTZ, et al., "Neurotrophin-6 is a new member of the nerve growth factor family," <i>Letter to Nature</i> 372:266-269(1994).	

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BL		GRIESLER, et al., "Enhanced endothelial of expanded polyethrafluoroethylene grafts by fibroblast growth factor type 1 pretreatment," <i>Surgery</i> 112:244-255 (1992).	
		HALL, "Molecular properties of fibrin-based matrices for promotion of angiogenesis in vitro," <i>Microvascular Research</i> 62:315-326 (2001).	
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↓		HOULE & JOHNSON, "Nerve growth factor (NGF)-treated nitrocellulose enhances and directs the regeneration of adult rat dorsal root axons through intraspinal neural tissue transplants," <i>Neuroscience Letters</i> 103:17-23 (1989).	

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BL		HUBBELL, "Bioactive biomaterials," <i>Curr Opin Biotech</i> 10:123-129 (1999).	
		HUMPHRIES, "Integrin activation: the link between ligand binding and signal transduction," <i>Curr Opin Cell Biol</i> 8:632-640 (1996).	
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BL ✓		LEE, et al., "Analysis of affinity and structural selectivity in the binding of proteins to glycosaminoglycans: Development of a sensitive electrophoretic approach," <i>Biochemistry</i> 88:2768-2772 (1991).	
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		LOPEZ, et al., "Short Communication, Local Perivascular Administration of Basic Fibroblast Growth Factor: Drug Delivery and Toxicological Evaluation," <i>Drug Metabolism and Disposition</i> 24(8):922-924 (1995).	
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		MAYSINGER, et al., "Microencapsulated nerve growth factor: effects on the forebrain neurons following devascularizing cortical lesions," <i>Neuroscience Letters</i> 140:71-74 (1992).	
✓		MCCAFFREY, et al., "Transforming Growth Factor-β1 is a Heparin-Binding Protein: Identification of Putative Heparin-Binding Regions and Isolation of Heparins with Varying Affinity for TGF-β1," <i>Journal of Cellular Physiology</i> 152:430-440 (1992).	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	Continuation of 10/024,918
		Filing Date	August 27, 2003
		First Named Inventor	Jeffrey Hubbell
		Group Art Unit	
		Examiner Name	
Sheet 8 of 11	Attorney Docket Number	CIT 2606 CIP CON	

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
BL		MONTGOMERY, et al., "Human neural cell adhesion molecule L1 and Rat homologue NILE are ligands for integrin $\alpha_v\beta_3$ ," <i>J Cell Biol</i> 132:475-485 (1996).	
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BL		RUOSLAHTI & ENGVALL, "Perspectives series: Cell adhesion in vascular biology," <i>J Clin Invest</i> 99:1149-1152 (1997).	
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		SELLKE, et al., "Enhances endothelium-dependent relaxation of the collateral-perfused coronary microcirculation," <i>Basic FGF</i> H1303-1311 (1994).	
		SHIN, et al., "Expression of EphrinB2 identifies a stable genetic difference between arterial and venous vascular smooth muscle as well as endothelial cells, and of adult neovascularization," <i>Developmental Biology</i> 230:139-150 (2001).	
V		SHIREMAN, et al., "Modulation of vascular cell growth by local cytokine delivery from fibrin glue suspensions," <i>J Vasc Surg</i> 19:852-62 (1999).	

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		Filing Date	August 27, 2003
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BL		SHUMACHER, et al., "Induction of neoangiogenesis in ischemic myocardium by human growth factors," <i>Circulation</i> 97:645-650 (1998).	
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		TAKESHITA, et al., "Therapeutic Angiogenesis. A single intraarterial bolus of vascular endothelial growth factor augments revascularization in a rabbit ischemic hind limb model," <i>J Clin Invest</i> 93:662-670 (1994).	
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↓		TESSLER, et al., "Heparin Modulates the Interaction of VEGF 165 with Soluble and Cell Associated flk-1 Receptors," <i>Journal of Biological Chemistry</i> 269(17):12456-12461 (1994).	

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		Filing Date	August 27, 2003
		First Named Inventor	Jeffrey Hubbell
		Group Art Unit	
		Examiner Name	
Sheet 11 of 11	Attorney Docket Number	CIT 2606 CIP CON	

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BL		THOMPSON, et al., "Site-directed neovessel formation in vivo," <i>Science</i> 241:1349-1352 (1988).	
		TYLER-CROSS, et al., "Heparin binding domain peptides of antithrombin III: Analysis by isothermal titration calorimetry and circular dichroism spectroscopy," <i>Protein Science</i> 3:620-627 (1994).	
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		ZUCKER, et al., "Platelet Factor 4: Production, Structure, and Physiologic and Immunologic Action," <i>Proceedings for the Society of Experimental Biology and Medicine</i> 198:693-702 (1991).	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/650,509
Filing Date	August 27, 2003
First Named Inventor	Jeffrey Hubbell
Group Art Unit	1651
Examiner Name	Leon B. Lankford, Jr.
Attorney Docket Number	CIT 2606 CIP CON

Sheet 1 of 3

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	US Patent Document Number Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
BT		5,171,670	Kronenberg, et al.	12-15-1992	
		5,202,247	Kilburn, et al.	04-13-1993	
		5,428,014	Labroo, et al.	06-27-1995	
		5,582,862	Reed	12-10-1996	
		5,641,670	Tunkel, et al.	06-24-1997	
		5,773,577	Capello	05-30-1998	
		5,840,837	Krstenansky, et al.	11-24-1998	
		5,877,153	Harris, et al.	03-02-1999	
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		6,559,119	Burgess, et al.	05-06-2003	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		DE 200 10 297	ETH Zurich & University of Zurich	08-31-2000		
		PCT WO 92/02620	Regeneron Pharmaceuticals	02-20-1992		
		PCT WO 92/09301	The American Red Cross	06-11-1992		

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		Application Number	10/650,509
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		First Named Inventor	Jeffrey Hubbell
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		Examiner Name	Leon B. Lankford, Jr.
Sheet 3 of 3	Attorney Docket Number	CIT 2606 CIP CON	

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BL		GRAINGER, et al., "Poly(dimethylsiloxane)-poly(ethylene oxide)-heparin block copolymers. I. Synthesis and characterization" <i>J. Biomed. Mater. Res.</i> 22(3):231-249 (1988).	
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